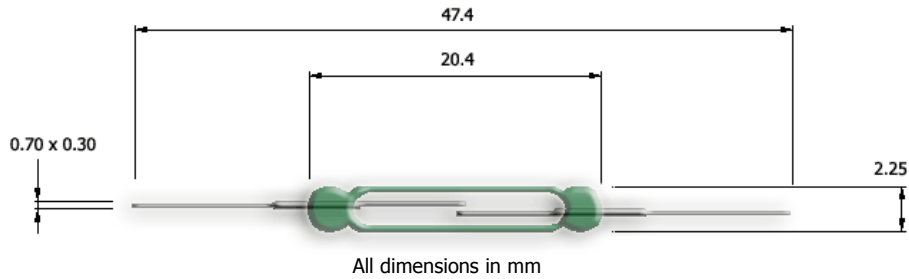


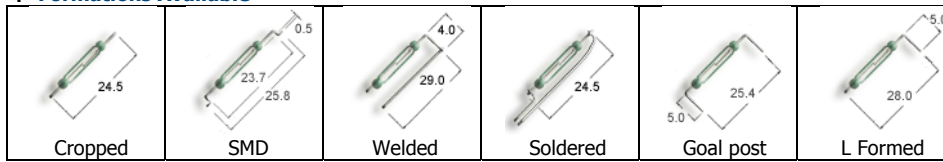
IL-2022 Reed Switch for Inductive Loads

Form A, Center Contact, Release AT Configurable



This reed switch is designed for performance at moderate inductive loads of 15W. The flattened lead outs are especially useful for orienting the internal blades to face one way while soldering, welding etc, for maximum in-group sensitivity. The three differential bands which are available cover a wide range of release specific applications. This reed switch is Lead (Pb) free and RoHS compliant.

Formations Available



Applications

This reed switch is suitable for use in the following applications and many others: coffee machines, water tank control, digital wind vanes, rowing electronics, electronics and science kits...

Electrical

Sub code		L	M	H
Operate Range	AT	20 – 50	20 – 50	20 - 50
Release Range	AT	8 – 25	11 – 30	14 - 50
Contact Rating (max)	W/ VA	15.0	15.0	15.0
Switching Current (max)	A	0.5	0.5	0.5
Carry Current (max)	A	1.75	1.75	1.75
Switching Voltage (max)	V _{DC}	150	150	150
Switching Voltage (max)	V _{AC}	125	125	125
Breakdown Voltage	V _{DC}	200	200	200
Initial Contact Resistance (max)	mΩ	100	150	200
Insulation Resistance (min)	Ω	10 ¹¹	10 ¹¹	10 ¹¹
Capacitance (min)	pF	0.2	0.2	0.2

Miscellaneous

Operate Time (max)	ms	1.0
Bounce Time (max)	ms	0.5
Release Time (max)	ms	0.15
Resonance Frequency	Hz	>2000
Operating Frequency	Hz	500
Operating Temperature	°C	-40 to +200
Test Coil		717 102 002
Lead out plating		Sn (Pb free)
Shock Resistance	g	50
Vibration (10-2000Hz)	g	20

Ordering Code

IL-2022-(Sub Code)-(Start Operate AT)-(Finish Operate AT)

Example IL-2022-H-20-25

Denotes 20-25 Operate AT with a minimum Release AT of 14.

Other Configurations Available

Dynamic contact resistance limit, Higher insulation resistance, Special release limits, Gold plates leads

Please refer to our reed switch [usage notes](#)

Due to continual improvement, specifications are subject to change without notice

www.reed-sensor.com

10 May 2008